

(Replacement Specification 10/812,708)

UNITED STATES PLANT PATENT APPLICATION

of

L. PERNILLE AND MOGENS N. OLESEN

for

FLORIBUNDA
ROSE PLANT NAMED

'POULcs009'

SUMMARY OF THE INVENTION

BOTANICAL CLASSIFICATION

Rosa hybrida

VARIETY DENOMINATION

5

'POULcs009'

The present invention constitutes a new and distinct variety of garden rose plant which originated from a controlled crossing between the 10 female parent 'POULDrik' described and illustrated in U.S. Plant Patent No. 12,557 issued on 23 April, 2002, and the male parent an unnamed seedling. The two parents were crossed during the summer of 1994 and the resulting seeds were planted in a controlled 15 environment in Fredensborg, Denmark. The new variety is named 'POULcs009'.

The new variety may be distinguished from its female seed parent, 'POULDrik' by the following combination of characteristics:

20 1. While the seed parent 'POULDrik' has a flower color of Red Group 52C the same of 'POULcs009' is Red-Purple Group 65D with intonations of Red-Purple Group 64D.

25 2. While the seed parent 'POULDrik' has

14 to 18 petals, 'POULcs009' has 50 .

3. While the seed parent 'POULDrik' has a flower diameter of 60mm, the same of 'POULcs009' is 50mm.

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The new variety may be distinguished from its unnamed male pollen parent by the following combination of characteristics:

1. The pollen parent has very pale pink flowers, while 'POULcs009' has medium pink flowers.

2. The pollen parent a low growth habit, ranging from 40 to 60 cm, while 'POULcs009' has an average height of 76 cm.

3. Flowers of 'POULcs009' have a longer lasting quality on the plant than those of the pollen parent.

20 The objective of the hybridization of this rose variety was to create a new and distinct variety for garden use with unique qualities, such as:

1. Uniform and abundant pink flowers;

2. Vigorous, but compact and even growth when propagated both as a budded rose

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and on its own roots;

3. Disease resistance;

4. Flower color which does not fade;

5. Well suited to normal cultural
practices in the garden and in
containers.

This combination of qualities is not present in
previously available commercial cultivars of this
10 type, known to the inventors, and distinguish
'POULcs009' from all other varieties of which we are
aware.

As part of their rose development program, L.
Pernille Olesen and Mogens N. Olesen germinated the
15 seeds from the aforementioned hybridization during
winter of 1994 and conducted evaluations on the
resulting seedlings in a controlled environment in
Fredensborg, Denmark.

'POULcs009' was selected in the spring 1995 by
20 the inventors as a single plant from the progeny of
the aforementioned hybridization.

Asexual reproduction of 'POULcs009' by
traditional budding and rooted cuttings was first
done by L. Pernille and Mogens N. Olesen in their
25 nursery in Fredensborg, Denmark in July, 1995. This

initial and other subsequent asexual propagations conducted in controlled environments have demonstrated that the characteristics of 'POULcs009' are true to type and are transmitted from one
5 generation to the next.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying color illustration shows as
10 true as is reasonably possible to obtain in color photographs of this type, the typical characteristics of the buds, flowers, leaves, and stems, of 'POULcs009'. Specifically illustrated in the drawing: SHEET 1:

15 Fig 1.1; Open flower, stem showing open flower, branching, and the attachment of leaves, buds, and peduncles;
Fig 1.2; Flower bud closed, flower bud as sepals unfold, and partially open;
20 Fig 1.3; Flower petals, detached;

Specifically illustrated in SHEET 2:

25 Fig 2.1; Sepals, receptacle, and

peduncle;

Fig 2.2; Leaves;

Fig 2.3; Bare stems.

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DETAILED DESCRIPTION OF THE VARIETY

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The following is a description of 'POULcs009',
as observed in its growth in a field nursery in
Jackson County, Oregon. Observed plants are 3 years
of age. Color references are made using the Royal
Horticultural Society (London, England) Colour
Chart, 1995, except where common terms of color are
used.

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For a comparison, several physical
characteristics of the rose variety 'POULfl002', a
rose variety from the same inventors described and
illustrated in U.S. Plant Patent Application No.
10/685,543 dated October 14, 2003 are compared to
'POULcs009' in Chart 1.

20

CHART 1

25

	POULcs009	POULfl002
General Tonality of Open Flower	Red-Purple Group 62C	Red Group 52 D

Peduncle Length	35 to 40 mm	40 to 50 mm
Petalage	50 petals	20 to 25 petals

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FLOWER AND FLOWER BUD

Blooming habit: Continuous.

Flower bud:

Size: Upon opening, 25 mm in.

10 length from base of
receptacle to end of bud.

Bud form: Broad-based ovoid.

Bud color: As sepals unfold, petals are
Red-Purple Group 58D. At $\frac{1}{4}$
opening petals are Red-
Purple Group 58D with
intonations of Red-Purple
Group 58A.

Sepals:

20 Upper Surface:

Color: Yellow-Green Group
146B.

Texture: Moderately pubescent.

Lower Surface:

Color: Yellow-Green Group

146B.

Sepal Shape:

Sepal apex is cirrhose.

5

Base is flat at union
with receptacle.

Sepal Margin:

Stipitate glands are in
medium quantity at
margins and lower
surfaces.

10

Size: 23 mm (l) x 7 mm (w).

Receptacle:

Surface Texture: Smooth.

15

Shape: Funnel shaped.

Size: 9 mm (h) x 6 mm (w).

Color: Yellow-Green Group

144A.

Peduncle:

20

Surface: Smooth.

Length: 40 to 70 mm average
length.

Diameter: 3.5 mm.

Color: Yellow-Green Group

25

144B.

Anthocyanic pigments
the color of Greyed-Red
Group 178A observed.

Borne: In clusters of 5 flower
5 buds per stem.

Pedicel:

Length: 35 to 40 mm.

Diameter: 3 mm.

Strength: Strong.

10 Texture: Somewhat rough due to
the presence of
stipitate glands.

Flower bloom:

15 Fragrance: Light floral scent.
Duration: The blooms have a
duration on the plant
of approximately 10 to
14 days. Afterwards,
petals fall cleanly
20 away from plant.

Size: Flower diameter is 50
mm when fully open.

25 Flower depth is 35 mm.

Form:

5

Flowers resemble an open cup, with strongly reflexed petals which curve outward from the center.

10

Shape of flower when viewed from the side:

Upon opening, upper part: Flat.

Upon opening, lower part: Flattened
Convex.

Open flower, upper part: Flat.

Open flower, lower part: Flattened
Convex.

15

Petalage: 50 petals on average with 5
to 10 petaloids.

Color:

Upon opening, petals:

Outermost petals:

20

Outer side: Red-Purple Group 63D
with marginal
intonations of Red-
Purple Group 64B to
64C.

25

Inner Side: Red-Purple Group 63C to

Red-Purple Group 58D.

Innermost petals:

Outer side: Red-Purple Group 63D
with marginal
intonations of Red-
Purple Group 64C.

Inner Side: Red-Purple Group 63C.

Upon opening, basal petal spots:

Outermost petals:

10 Outer side: Yellow Group 4C.
Inner Side: Yellow Group 4A.

Innermost petals:

Outer side: Yellow Group 4C.
Inner Side: Yellow Group 4A.

15 After opening, petals:

Outermost petals:

Outer side: Red-Purple Group 67D
with light streaking of
Red-Purple Group 65D at
the middle zone.

20 Inner Side: Red-Purple Group 62A.

Innermost petals:

Outer side: Red-Purple Group 67D
with light streaking of
Red-Purple Group 65D at

25

the middle zone.

Inner Side: Red-Purple Group 62A.

After opening, basal
petal spots:

5 Outermost petals:

Outer Side: Yellow Group 4C.

Inner Side: Yellow Group 4C.

Innermost petals:

Outer Side: Yellow Group 4C.

10 Inner Side: Yellow Group 4C.

General Tonality: On open flower Red Group
52B. No change in the
general tonality at the end
of the 10th day.

15

Petals:

Petal Reflex: Variable. Slightly to
strongly reflexed.

20

Margin: Ruffled with strong
undulations of margin
observed.

Shape: Apex: Round.

Base: Acute.

Size: 40 mm (l) x 46 mm (w).

25

Texture: Smooth.

Thickness: Average.

Arrangement: Not Formal.

Petaloids:

Quantity: 5 to 10.

5 Color: Upper surface is Red-Purple Group 73B. Lower Surface is Red-Purple Group 73A.

Size: 16 mm (l) x 14 mm (w).

10 **Reproductive Organs:**

Pistils:

Length: 12 mm.

Quantity: 79.

15 Pollen: None observed.

Anthers:

Color: Greyed-Orange Group 167B.

Quantity: 101 (actual count).

20 **Filaments:**

Color: Yellow Group 3C.

Length: 8 mm.

Stigmas: Superior in location to the height of the anthers.

25

Color: Yellow-Green Group

145D.

Styles:

Color: Yellow-Green Group

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145D.

Length: 10 to 12 mm.

Hips: None Observed in the field
nursery in Jackson County Oregon.

10

PLANT

Plant growth: Moderate, upright to bushy. When
grown as a budded field grown
plant on *Rosa multiflora*
understock, the average height of
the plant is 76 cm and the
average width is 76 cm.

15

Stems:

20

Color:

Young wood: Yellow-Green Group

146D.

Older wood: Yellow-Green Group

144A.

25

Surface Texture:

Young wood: Smooth.

Older wood: Rough.

Thorns:

5

Incidence: 2 thorns per 10 cm of
stem.

Size: Average length: 4 mm.

Color: Mature and juvenile
thorns are Greyed-Red
Group 178A.

10

Shape: Concave.

15

Plant foliage: Normal number of
leaflets on normal
leaves in middle of the
stem: 7 leaflets.

Compound Leaf size: 140 mm (l) x 90 mm (w).

Color:

Mature Foliage:

Upper surface is: Yellow-Green
Group 146A.

Lower surface is: Yellow-Green
Group 146B.

Juvenile foliage:

Lower and upper surface:

25

Yellow-Green

Group 146A to
146 B with
intonations of
Greyed-Purple

5

Group 183B.

Lower surface is: Yellow-Green

Group 146B.

Plant leaves and leaflets:

Stipules:

10 Size: 13 mm in length.

Margins: Average quantity of
stipitate glands.

Color: Yellow-Green Group
144A.

15 Petiole:

Length: 15 to 20 mm.

Diameter: 2 mm.

Above:

Color: Yellow-Green Group

20 Anthocyanin: 1454B.

Underneath: Greyed-Red Group 182A.

Rachis:

Above:

25 Color: Yellow-Green Group

145B.

Anthocyanin: Greyed-Red Group 182A.

Underneath: Thorns present.

Leaflet:

5 Size: 50 mm (l) x 30 mm (w).
 Edge: Serrated.
 Shape: Broadly ovate. Apex is
 cuspidate. Base is
 round.

10 Texture: Rugose.
 Thickness: Thick.
 Arrangement: Odd pinnate.
 Venation: Reticulate.
 Glossiness: Very glossy.

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Disease resistance:

Above average resistance to mildew, rust,
black spot, and Botrytis under normal growing
20 conditions in Jackson County, Oregon.

Cold Hardiness:

The variety 'POULcs009' has been found to be
cold tolerant to USDA Cold Hardiness Zone 6.